

Master 3.33

Extra Practice 7

Lesson 3.7: Dividing Mixed Numbers

1. Write each mixed number as an improper fraction.

a) $2\frac{2}{7}$

b) $1\frac{1}{6}$

c) $3\frac{5}{8}$

d) $7\frac{3}{5}$

2. Find each quotient.

a) $1\frac{1}{2} \div \frac{1}{8}$

b) $2\frac{3}{4} \div 1\frac{1}{16}$

c) $4\frac{3}{5} \div 1\frac{1}{15}$

d) $5\frac{1}{2} \div \frac{7}{8}$

3. Find each quotient.

a) $3\frac{3}{5} \div 1\frac{3}{20}$

b) $6\frac{1}{4} \div 2\frac{3}{5}$

c) $5\frac{7}{8} \div 2\frac{5}{12}$

d) $6\frac{2}{3} \div 7\frac{1}{6}$

4. Divide. Estimate to check.

a) $2\frac{2}{3} \div 1\frac{1}{4}$

b) $3\frac{1}{5} \div 2\frac{3}{4}$

c) $1\frac{5}{8} \div 2\frac{4}{5}$

d) $3\frac{1}{3} \div 2\frac{1}{2}$

5. Which statement has the greatest value? How do you know?

a) $2\frac{3}{4} \div \frac{1}{3}$

b) $2\frac{3}{4} + \frac{1}{3}$

c) $2\frac{3}{4} \times \frac{1}{3}$

d) $2\frac{3}{4} - \frac{1}{3}$

e) $2\frac{3}{4} \div \frac{3}{1}$

f) $2\frac{3}{4} + \frac{3}{4}$